

Resource Summary Report

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MC DataTool

RRID:SCR_014580

Type: Tool

Proper Citation

MC DataTool (RRID:SCR_014580)

Resource Information

URL: <http://www.multichannelsystems.com/software/mc-datatool>

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Description: An add-on tool used to export data retrieved with the MC_Rack program. This software is used to convert MC_Rack data files into other file formats.

Synonyms: MC_DataTool

Resource Type: software application, software resource, systems interoperability software

Keywords: systems interoperability software, add-on tool, mc rack, mc_rack, file format, data file, data conversion, export data, export

Availability: Open source

Resource Name: MC DataTool

Resource ID: SCR_014580

License URLs:

[http://www.multichannelsystems.com/sites/multichannelsystems.com/files/documents/Terms%20and](http://www.multichannelsystems.com/sites/multichannelsystems.com/files/documents/Terms%20and%20Conditions.pdf)

Record Creation Time: 20220129T080321+0000

Record Last Update: 20260812T044250+0000

Ratings and Alerts

No rating or validation information has been found for MC DataTool.

No alerts have been found for MC DataTool.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

Listed below are recent publications. The full list is available at [RRID](#) .

Gibbons GM, et al. (2026) A human corticospinal organoid-slice connectoid model informs enhancer strategies for post-injury axon regrowth. *Cell reports*, 45(6), 117399.

Derounian R, et al. (2025) Protocol for recording and analyzing neuronal network activity ex vivo with multi-electrode arrays in mouse brain tissue. *STAR protocols*, 6(3), 104019.

Engeroff K, et al. (2023) Different activity patterns control various stages of Reelin synthesis in the developing neocortex. *Cerebral cortex (New York, N.Y. : 1991)*, 33(15), 9376.

Ogata G, et al. (2022) Calcium/calmodulin-dependent protein kinase II associates with the K⁺ channel isoform Kv4.3 in adult rat optic nerve. *Frontiers in neuroanatomy*, 16, 958986.

Dong L, et al. (2021) Exploring the Inhibitory Effect of Low-frequency Magnetic Fields on Epileptiform Discharges in Juvenile Rat Hippocampus. *Neuroscience*, 467, 1.

Wijdenes P, et al. (2021) Three dimensional microelectrodes enable high signal and spatial resolution for neural seizure recordings in brain slices and freely behaving animals. *Scientific reports*, 11(1), 21952.

Eleftheriou CG, et al. (2017) Meclofenamic acid improves the signal to noise ratio for visual responses produced by ectopic expression of human rod opsin. *Molecular vision*, 23, 334.

Miller DC, et al. (2017) Ajmaline blocks I_{Na} and I_{Kr} without eliciting differences between Brugada syndrome patient and control human pluripotent stem cell-derived cardiac clusters. *Stem cell research*, 25, 233.

Ryu SB, et al. (2017) Amplitude Modulation-based Electrical Stimulation for Encoding Multipixel Spatiotemporal Visual Information in Retinal Neural Activities. *Journal of Korean medical science*, 32(6), 900.

Georgiadis V, et al. (2015) MultiElec: A MATLAB Based Application for MEA Data Analysis. *PloS one*, 10(6), e0129389.

Moore ME, et al. (2015) Manipulating neuronal activity in the mouse brain with ultrasound: A comparison with optogenetic activation of the cerebral cortex. *Neuroscience letters*, 604, 183.

Ylä-Outinen L, et al. (2014) Three-dimensional growth matrix for human embryonic stem cell-derived neuronal cells. *Journal of tissue engineering and regenerative medicine*, 8(3),

Ellis KM, et al. (2014) Neurogenic potential of dental pulp stem cells isolated from murine incisors. *Stem cell research & therapy*, 5(1), 30.

Weng S, et al. (2013) Mouse ganglion-cell photoreceptors are driven by the most sensitive rod pathway and by both types of cones. *PloS one*, 8(6), e66480.

Mourot A, et al. (2012) Rapid optical control of nociception with an ion-channel photoswitch. *Nature methods*, 9(4), 396.

Hill AJ, et al. (2012) Cannabidiol is anticonvulsant in mouse and rat. *British journal of pharmacology*, 167(8), 1629.

Ylä-Outinen L, et al. (2010) Human cell-based micro electrode array platform for studying neurotoxicity. *Frontiers in neuroengineering*, 3.